

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

**Board on Environmental Change and Society**

*In collaboration with*

**The Social Science Coordinating Committee of the U.S. Global Change Research Program**

**Climate Resilient Pathways and Social Science Research to Actions**

The National Academies NAS Building – Room 125

2101 Constitution Avenue, NW

Washington, DC 20418

**February 7, 2019**

(1:00 pm – 5:30 pm)

For Questions Contact [MWarden@nas.edu](mailto:MWarden@nas.edu) or [TLatimer@nas.edu](mailto:TLatimer@nas.edu)

**Seminar Objectives:**

- *Disseminate USGCRP Social Science Coordinating Committee social science workshop papers<sup>1</sup> and key findings*
- *Discuss roles and examples of using social sciences in research and actions for societal transformations to meet global change and sustainability challenges*
- *Bring together federal managers and scientists, academic scientists and NAS to discuss opportunities to advance interdisciplinary research in federal programs*
- *Identify actionable steps and opportunities to advance interdisciplinary collaboration*

**12:30 pm Registration**

**1:00 pm Welcome, Introduction, and Seminar Objectives**

Kristie L. Ebi, BECS Chair, Jia Li, SSCC Co-Chair and EPA, and Toby Warden, BECS Board Director

**1:10 pm NCA 4 and IPCC 1.5C Special Report Highlights**

Diana Liverman, University of Arizona

**1:50 pm USGCRP SSCC: Overview of Social Science Perspectives on Climate Change**

- Workshop Background and Process (Jia Li, SSCC Co-Chair and EPA)
- Social Vulnerability to Climate Change (Robert Winthrop, University of Maryland)
- Drivers of and Responses to Climate Change (Andrew Jorgenson, Boston College)
- Innovative Methods Tools and Analysis (Carrie Hritz, SESYNC)
- Discussant/Moderator (Michael Vandenbergh, BECS Member, Vanderbilt University)

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<sup>1</sup> In addition to the social science white papers from the 2017 USGCRP Social Science Coordinating Committee workshop on [Social Science Perspectives on Climate Change](#), several papers were submitted to WIREs Climate Change (other papers may follow soon): Jorgenson et al. (2018). [Social science perspectives on drivers of and responses to global climate change](#) Thomas et al. (2018). [Explaining differential vulnerability to climate change: A social science review](#)

- 2:45 pm     Coffee Break**
- 3:00 pm     Introduction to Panel Sessions –** Kristie L. Ebi, BECS Chair  
*Meaningful knowledge integration and social science research to action*
- 3:10 pm     Session 1: Advancing Interdisciplinary and Transdisciplinary Research for Global Change**
- NSF Activities (Sarah Ruth, Atmospheric and Space Sciences Division, NSF)
  - EPA Social Science (Bryan Hubbell)
  - DOE (Bob Vallario)
  - Academia Mexicana de Ciencia (Pepe Franco)
  - Discussant/Moderator (Kathy Jacobs, BECS Member, University of Arizona)
- 4:00 pm     Session 2: From Research to Actions**
- Household-Level Interdisciplinary Work (Stephane Hallegatte, World Bank)
  - NOAA RISA Program (Chelsea Combest-Friedman, NOAA)
  - Culture and Disasters (Keely Maxwell, EPA)
  - State/Local Knowledge Generation (Richard Moss, AMS)
  - International Perspective (Laureano Álvarez , North American Development Bank)
  - Discussant/Moderator (Lori Hunter, BECS Member, University of Colorado, Boulder)
- 5:00 pm     Key Themes from Seminar, Group Discussion, and Next Steps**  
 Kristie L. Ebi, Lori Hunter, Kathy Jacobs, Jonathan Overpeck, and Robert Winthrop
- Federal-Academic Collaboration
  - Collaboration Across Social Sciences
  - Natural-Social Science Collaboration
- *Where are there opportunities to apply social sciences research to help in the decision-making context at local state and federal levels? Where are there opportunities for social science researchers to work with you?*
- *Where are some specific needs and opportunities to can we expand the role of the social sciences in federal research programs related to climate change?*
- 5:30 pm     Adjourn**

*This activity will be open to the public and webcast. Board seminars are exploratory in nature based on topics the Board has identified to warrant deeper examination.  
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